

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## BOX PATENT APPLICATION

The Commissioner of Patents and Trademarks  
P.O. Box 1450, Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is a **new** utility patent  
application of: **Der-Zheng LIU et al.**

Title of Invention: **APPARATUS AND METHOD FOR SAMPLING TIMING  
COMPENSATION IN MULTI-CARRIER SYSTEM**

Enclosed are:

A specification and 23 claims.

Six (6) sheets of formal drawings (Figs. 1-7).

A Combined Declaration and Appointment of Attorney

Claim for Priority and Priority Document

Assignment to: **Realtek Semiconductor Corp.**

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE FEE	LARGE ENTITY RATE FEE
BASIC FEE			<u>\$385.00</u>	<u>\$770.00</u>
TOTAL CLAIMS	23 - 20 =	<u>3</u>	\$ 9. <u>      </u>	\$18. <u>\$ 54</u>
INDEP CLAIMS	4 - 3 =	<u>1</u>	\$ 43. <u>      </u>	\$86. <u>\$ 86</u>
___ MULTIPLE DEPENDENT CLAIMS			<u>\$145.      </u>	<u>\$290.      </u>
		TOTAL	<u>                  </u>	<u>\$910.00</u>

- X A check in the amount of **\$950.00** to cover the government filing fee and the assignment recording fee is enclosed.
- X The Commissioner is hereby authorized to charge any fees associated with this communication, including patent application filing fees and processing fees under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to **Deposit Account No. 501874.**

Date: March 18, 2004*Bruce H. Troxell*

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